

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/796,288
Filing Date	March 10, 2004
First Named Inventor	Marlene M. DARFLER et al.
Group Art Unit	3732
Examiner Name	Unassigned
Attorney Docket Number	40970-0002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CDP	A01	BANERJEE S.K. et al., "Microwave-Based DNA Extraction from Paraffin-Embedded Tissue for PCR Amplification", Biotechniques, 1995, pp. 768-70, Vol. 18, No. 5	
	A02	KRZYSZTOF BIELAWSKI et al., "The suitability of DNA extracted from formalin-fixed, paraffin-embedded tissues for double differential polymerase chain reaction analysis", International Journal of Molecular Medicine, 2001, pp. 573-578, Vol. 8	
	A03	SUSAN A. BROOKS et al., "Release and analysis of polypeptides and glycopolypeptides from formalin-fixed, paraffin wax-embedded tissue", Histochemical Journal, 1998, pp. 609-615, Vol. 30	
	A04	N.J. COOMBS et al., "Optimisation of DNA and RNA extraction from archival formalin-fixed tissue", Nucleic Acids Research, 1999, pp. i-iii, Vol. 27, No. 16	
	A05	M.V. DWEK et al., "Oligosaccharide Release from Frozen and Paraffin-Wax-Embedded Archival Tissues", Analytical Biochemistry, 1996, pp. 8-14, Vol. 242	
	A06	JOHN W. GILLESPIE et al., "Evaluation of Non-Formalin Tissue Fixation for Molecular Profiling Studies", American Journal of Pathology, February 2002, pp. 449-457, Vol. 160, No. 2	
	A07	KIMIMASA IKEDA et al., "Extraction and Analysis of Diagnostically Useful Proteins from Formalin-fixed, Paraffin-embedded Tissue Sections", The Journal of Histochemistry & Cytochemistry, 1998, pp. 397-403, Vol. 46, No. 3	
	A08	HIKARU IZAWA et al., "Analysis of cyclin D1 and CDK expression in colonic polyps containing neoplastic foci: A study of proteins extracted from paraffin sections", Oncology Reports, 2002, pp. 1313-1318, Vol. 9	
	A09	BATIA KAPLAN et al., "MICROEXTRACTION AND PURIFICATION TECHNIQUES APPLICABLE TO CHEMICAL CHARACTERIZATION OF AMYLOID PROTEINS IN MINUTE AMOUNTS OF TISSUE", Methods in Enzymology, pp. 67-81, Vol. 309	
	A10	B. KAPLAN et al., "Micropurification techniques in the analysis of amyloid proteins", J. Clin. Pathol, 2003, pp. 86-90, Vol. 56	
	A11	ULRICH LEHMANN et al., "Quantitative Molecular Analysis of Laser-Microdissected Paraffin-Embedded Human Tissues", Pathobiology, 2000, pp. 202-208, Vol. 68	
	A12	ULRICH LEHMANN et al., "Real-Time PCR Analysis of DNA and RNA Extracted from Formalin-Fixed and Paraffin-Embedded Biopsies", 2001, pp. 409-418, Vol. 25	
	A13	F. LEWIS et al., "Unlocking the archive - gene expression in paraffin-embedded tissue", Journal of Pathology, 2001, pp. 66-71, Vol. 195	
	A14	NEIL MACINTYRE, "Unmasking antigens for immunohistochemistry", British Journal of Biomedical Science, 2001, pp. 190-196, Vol. 58	

Examiner Signature

[Handwritten Signature]

Date Considered

2/1/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/796,288
		Filing Date	March 10, 2004
		First Named Inventor	Marlene M. DARFLER et al.
		Group Art Unit	3732
		Examiner Name	Unassigned
Sheet 2 of 2	Attorney Docket Number	40970-0002	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CDP	A15	CHARLES MURFF et al., "A Simple Experimental Model to Isolate Antigenic Epitopes Recognized by Antibodies", Bioscene, April 1998, pp. 11-15, Vol. 24, No. 1	
	A16	YUMIKO NITTA et al., "The Quality of DNA Recovered from the Archival Tissues of Atomic Bomb Survivors is Good Enough for the Single Nucleotide Polymorphism Analysis in Spite of the Decade-long Preservation in Formalin", J. Radiat. Res., 2002, pp. 65-75, Vol. 43	
	A17	W. ROY OVERTON et al., "Reversing the Effect of Formalin on the Binding of Propidium Iodide to DNA", Cytometry, 1994, pp. 351-356, Vol. 16	
	A18	W. ROY OVERTON et al., "Method to Make Paraffin-Embedded Breast and Lymph Tissue Mimic Fresh Tissue in DNA Analysis", Cytometry (Communications in Clinical Cytometry), 1996, pp. 166-171, Vol. 26	
	A19	CLOUD P. PAWELETZ et al., "Reverse phase protein microarrays which capture disease progression show activation of pro-survival pathways at the cancer invasion front", Oncogene, 2001, pp. 1981-1989, Vol. 20	
	A20	ELIZABETH L. SCHUBERT et al., "Single Nucleotide Polymorphism Array Analysis of Flow-Sorted Epithelial Cells from Frozen Versus Fixed Tissues for Whole Genome Analysis of Allelic Loss in Breast Cancer", American Journal of Pathology, January 2002, pp. 73-79, Vol. 160, No. 1	
Shedlock et al.	A21	BRUCE J. SHEDLOCK et al., "Enhanced DNA Extraction and PCR Amplification of Mitochondrial Genes from Formalin-Fixed Museum Specimens", BioTechniques, March 1997, pp. 394-400, Vol. 22, No. 3	
	A22	SHAN-RONG SHI et al., "Antigen Retrieval Immunohistochemistry: Past, Present, and Future, The Journal of Histochemistry & Cytochemistry, 1997, pp. 327-343, Vol. 45, No. 3	
	A23	SHAN-RONG SHI et al., "Antigen Retrieval Techniques: Current Perspectives", The Journal of Histochemistry & Cytochemistry, 2001, pp. 931-937, Vol. 49, No. 8	
	A24	SHAN-RONG SHI et al., "DNA Extraction from Archival Formalin-fixed, Paraffin-embedded Tissue Sections Based on the Antigen Retrieval Principle: Heating Under the Influence of pH", The Journal of Histochemistry & Cytochemistry, 2002, pp. 1005-1011, Vol. 50, No. 8	
	A25	SHAN-RONG SHI et al., "Antigen Retrieval in Formalin-fixed, Paraffin-embedded Tissues: An Enhancement Method for Immunohistochemical Staining Based on Microwave Oven Heating of Tissue Sections", The Journal of Histochemistry & Cytochemistry, 1991, pp. 741-748, Vol. 39, No. 6	
	A26	SHAN-RONG SHI et al., "Antigen Retrieval Technique: A Novel Approach to Immunohistochemistry on Routinely Processed Tissue Sections", The Journal of Histochemistry & Cytochemistry, Cell Vision, 1995, pp. 6-22, Vol. 2, No. 1	
	A27	SESHI R. SOMPURAM, Ph.D. et al., "A Molecular Mechanism of Formalin Fixation and Antigen Retrieval", Am J. Clin Pathol., 2004, pp. 190-199, Vol. 121	
	A28	TAKEHIKO MIYAJI et al., "Frozen Protein Arrays: A new method for arraying and detecting recombinant and native tissue proteins," Proteomics 2002, 2, 1489-1493.	

Examiner Signature	<i>Charles R. ...</i>	Date Considered	2/1/2007
--------------------	-----------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.